



WDS-900 BGA Rework Station with 360-Degree Electric Rotation 10 Temperature Zone Control and CE ISO9001 Certification for High Precision PCB Motherboard Repair

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Wds
- Minimum Order Quantity: 1
- Price: 18000



Product Specification

- Voltage: AC380V
- Weight: 350kg
- Dimensions: L1050mm×W950mm×H1700mm
- Total Power: Max 9000W
- Top Heater Power: 1600W
- Bottom Heater Power: 1600W
- Bottom Preheating Power: 5000W(2000W Controlled)
- Temperature Accuracy: ± 1
- Mounting Accuracy: $\pm 0.01\text{mm}$
- Mounting Pressure: $< 0.2\text{N}$
- Top Heater Temperature: 400(Max)
- Max PCB Size: Max 750mm×620mm; Min 10mm × 10mm
- BGA Chip Size: 0.8mm×0.8mm-120mm×120mm
- Sensor Count: 5pcs
- Alignment System: HDMI High-definition Optical Alignment



More Images



Product Description

WDS-900 Optical BGA Rework Station

The WDS-900 is a high-end optical BGA rework station designed for precision motherboard repair. This PC-controlled system features an HDMI high-definition optical alignment system and K-type thermocouple temperature control, capable of handling BGA chips from 0.8mm×0.8mm to 120mm×120mm.

Key Specifications

Machine Type	Welding Manipulator
Voltage	AC 380V±10% 50/60 Hz
Rated Capacity	Max 9000W
Dimensions	L970mm × W700mm × H830mm
Weight	300KGS
Certification	CE ISO9001

Core Features

- Full computer control with precise optical alignment system
- HDMI high-definition digital imaging (200X magnification)
- Five external temperature sensor ports for accurate monitoring
- 360-degree electric rotation mounting head
- Three-stage smoke purification system
- Double over-temperature protection with automatic power-off
- Password-protected temperature parameters



Technical Parameters

- Top heater power: 1600W (max 400°C)
- Bottom heater power: 1600W
- Bottom preheating power: 5000W (2000W controlled)
- Temperature accuracy: ±1°C
- Mounting accuracy: ±0.01mm
- Mounting pressure: <0.2N
- Max PCB size: 750mm×620mm

Packaging & Delivery

Standard export wooden package with foam protection. Delivery within 5 business days after payment confirmation, shipped via air or sea from Shenzhen or Hong Kong.

Why Choose WDS

- 12 years experience in BGA rework solutions
- CE certified equipment with global reputation
- Professional technical support and training
- Competitive pricing with quality assurance
- Over 100,000 global users including major electronics manufacturers

Frequently Asked Questions

Is the machine easy to operate for first-time users?

The system includes an English manual and guide video, with bilingual interface (Chinese/English). Technical support is available via multiple channels.

What if the machine develops problems?

We provide free parts replacement during the 1-year warranty period and lifetime technical support.



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